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MAY 15 2006

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FROM: Ketan S. Vakil

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Please see attached.

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Lisa Holstein

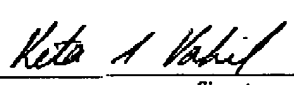
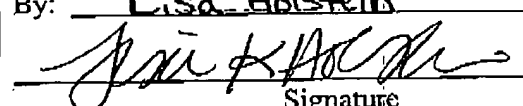
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MAY 15 2006

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>				Docket No. <b>ECC-5774</b>	
Applicant(s): <b>Luchy Roteliuk et al.</b>					
Application No. <b>10/728,705</b>	Filing Date <b>12/05/2003</b>	Examiner <b>Scott M. Getzow</b>	Customer No. <b>30452</b>	Group Art Unit <b>3762</b>	Confirmation No. <b>9975</b>
Invention: <b>PRESSURE-BASED SYSTEM AND METHOD FOR DETERMINING CARDIAC STROKE VOLUME</b>					
<u>COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	25 -	29 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	6 -	10 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 19-2814 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 _____ Signature			Dated: May 15, 2006		
<b>Ketan S. Vakil</b> Registration No. 43,215 Snell & Wilmer LLP 600 Anton Boulevard, Suite 1400 Costa Mesa, CA 92626-7689 Phone: 714.427.7405 Fax: 714.427.7799			I hereby certify that this correspondence is being transmitted via facsimile to the USPTO at 571-273-8300 on <u>May 15, 2006</u> . By: <u>Lisa Holstein</u>  _____ Signature Dated: <u>5/15/06</u>		
cc:					

MAY 15 2006

Patent  
ECC-5774

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Luchy Roteliuk et al.

Serial No.: 10/728,705

Filed: December 5, 2003

For: **PRESSURE-BASED SYSTEM  
AND METHOD FOR  
DETERMINING CARDIAC  
STROKE VOLUME**

Examiner: Scott M. Getzow

Group Art Unit: 3762

Confirmation No.: 9975

May 15, 2006

Costa Mesa, California 92626-7689

**RESPONSE TO OFFICE ACTION**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

In response to the Office Action of April 27, 2006, please amend the above-identified application for patent as follows.